

INTERNATIONAL SEARCH REPORT

International Application No

PCT/DE 03/02671

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 H04B10/08

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 H04B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	DE 100 49 769 A (KOREA INST SCIENCE TECHNOLOGY) 6 September 2001 (2001-09-06) abstract page 2, line 34 -page 3, line 28 figure 7	1
Y	US 5 917 649 A (KOGA MASAFUMI ET AL) 29 June 1999 (1999-06-29) abstract column 15, line 60 -column 17, line 15 figure 11	1
A	US 5 677 781 A (AIDA KAZUO ET AL) 14 October 1997 (1997-10-14) abstract column 12, line 1 - line 62 figure 7	1,13,14
-/--		

☒ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex.

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- *A* document defining the general state of the art which is not considered to be of particular relevance
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- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

- *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
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- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- *&* document member of the same patent family

Date of the actual completion of the international search

13 January 2004

Date of mailing of the international search report

19/01/2004

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 4 923 290 A (OTTO RAINER J R W ET AL) 8 May 1990 (1990-05-08) abstract column 2, line 8 - line 20 column 2, line 59 - line 66 figure 2 -----	1,13,14

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Information on patent family members

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			DE	10049769 A1	06-09-2001
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